Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1.   (Currently Amended) A power supply system for supplying power to a main unit

comprising:

a power supply apparatus connected to a commercial power supply for supplying power

to ~~said~~ the main unit;

a battery for supplying power to the main unit, and

a controller,

wherein ~~said~~ the controller executes an operation of power consumption control means

for the main unit started upon power consumption in ~~said~~ the main unit exceeding a maximum

output power of ~~said~~ the power supply apparatus.

2.   (Cancelled)

3.   (Currently Amended) A power supply system for supplying power to a main unit

comprising:

a power supply apparatus connected to a commercial power supply for supplying power

to ~~said~~ the main unit;

a battery for supplying power to the main unit, and

a controller,

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wherein ~~said~~ the controller executes an operation of power consumption control means

for the main unit started upon power consumption in ~~said~~ the main unit exceeding a maximum

output power of ~~said~~ the power supply apparatus, and

wherein ~~said~~ the controller executes ~~said~~ the control means upon recognition of discharge

performed from ~~said~~ the battery.

4.   (Currently Amended) The power supply system according to Claim 3, wherein
~~said~~ the discharge is recognized from a discharge current value sent from a CPU of ~~said~~ the

battery.

5.   (Currently Amended) The power supply system according to Claim 1, wherein
~~said~~ the controller recognizes an output current value or an output voltage value from ~~said~~ the

power supply apparatus and has ~~said~~ the operation of power consumption control executed.

6.   (Currently Amended) The power supply system according to Claim 1, further

comprising a variation controlling unit for controlling variation of the voltage supplied to a

predetermined part of ~~said~~ the main unit.

7.   (Currently Amended) A computer apparatus, comprising:

a system unit having a CPU for performing data processing;

a power supply apparatus connected to a commercial power supply for supplying power

to ~~said~~ the system unit;

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an intelligent battery for supplying power to ~~said~~ the system unit in a state where power

consumption in ~~said~~ the system unit exceeds a predetermined value; and

a controller having a function of communication with ~~said~~ the intelligent battery and also having

power management in ~~said~~ the system unit executed, in a state of connecting with ~~said~~ the power

supply apparatus, based on information on discharge acquired from ~~said~~ the intelligent battery.

8.   (Currently Amended) The computer apparatus according to Claim 7, wherein:

the power management executed by ~~said~~ the controller slows down operating speed of

~~said~~ the CPU, and

~~said~~ the controller exerts control so as to restore the operating speed of ~~said~~ the CPU after

elapse of a predetermined time from the slowdown of the speed.

9.   (Currently Amended) The computer apparatus according to Claim 7, further

comprising a DC/DC converter for correcting variation of voltage arising when the output

voltage from ~~said~~ the power supply apparatus droops and is balanced by battery voltage of ~~said~~

the intelligent battery.

10.   (Currently Amended) A computer apparatus, comprising:

a system unit for performing data processing;

a power supply apparatus connected to a commercial power supply for supplying power

to ~~said~~ the system unit;

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an intelligent battery for supplying power to ~~said~~ the system unit in the case where power consumption in ~~said~~ the system unit exceeds a maximum output power of ~~said~~ the power supply apparatus;

a voltage measurement circuit for detecting that the output voltage from ~~said~~ the power supply apparatus is lower than a predetermined voltage threshold; and

a controller for having operation of power consumption reduction in ~~said~~ the system unit executed based on output from ~~said~~ the voltage measurement circuit.

11.   (Currently Amended) The computer apparatus according to Claim 10, further comprising a current measurement circuit for measuring an output current from ~~said~~ the power supply apparatus, wherein, on detecting that the output current from ~~said~~ the power supply apparatus is lower than a predetermined current threshold by using ~~said~~ the current measurement circuit, ~~said~~ the controller makes ~~said~~ the system unit stop ~~said~~ the operation of power consumption reduction and restore the previous operation.

12.   (Currently Amended) A maximum power control method in the case where maximum output power from a power supply apparatus connected to a commercial power supply is smaller than maximum power consumption of a system unit for performing data processing, wherein:

power is supplied from ~~said~~ the power supply apparatus to ~~said~~ the system unit;

power is supplied from a battery to the system unit in a state where power consumption in ~~said~~ the main unit exceeds a predetermined value; and

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operation of power consumption reduction for ~~said~~ the system unit is started after the

power consumption of ~~said~~ the system unit exceeds ~~said~~ the predetermined value.

13.   (Currently Amended)   The maximum power control method according to Claim

12, wherein a characteristic that output voltage from the power supply apparatus droops when the

power consumption of ~~said~~ the system unit exceeds the maximum output power from ~~said~~ the

power supply apparatus is caught and execution of the operation of power consumption reduction

for ~~said~~ the system unit is started.

14.   (Currently Amended)   The maximum power control method according to Claim

12, wherein, on shifting from supply of power by ~~said~~ the power supply apparatus to supply of

power by ~~said~~ the battery, variation of input voltage supplied to an inverter of a liquid crystal

display provided to ~~said~~ the system unit is corrected.

15.   (Currently Amended)   The maximum power control method according to Claim

12, wherein ~~said~~ the operation of power consumption reduction slows down operating speed of

the CPU performing data processing in ~~said~~ the system unit.

16.   (Currently Amended)   The maximum power control method according to Claim

15, wherein the operating speed of ~~said~~ the CPU is restored to the previous operating speed after

the elapse of a predetermined time from the execution of ~~said~~ the operation of power

consumption reduction.

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17.   (Currently Amended) A maximum power control method in the case where maximum output power from a power supply apparatus connected to a commercial power supply is smaller than maximum power consumption of a system unit for performing data processing, wherein:

power is supplied from ~~said~~ the power supply apparatus to ~~said~~ the system unit;

power is supplied from a battery to the system unit in the case where power consumption in ~~said~~ the system unit exceeds a predetermined value; and

execution of operation of power consumption reduction for ~~said~~ the system unit is started by recognizing a discharge current from ~~said~~ the battery.

18.   (Currently Amended) The maximum power control method according to Claim 17, wherein recognition of ~~said~~ the discharge current is to measure the current discharged from the battery inside or outside a battery pack constituting ~~said~~ the battery.

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